

App #: 10-761261

EAST SEARCH HISTORY**Databases:** US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/761261
S2	2	("2003184969").PN.
S3	1828	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and compar\$4 and feature\$1
S4	764	(382/118).CCLS.
S6	80	S5 and @pd<"20030122"
S5	326	S3 and S4
S12	15	S6 and (suspect or mug or criminal or police)
S7	1	S6 and ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))
S8	16	S3 and ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation)) and @pd<"20030122"
S9	3	S6 and suspect
S10	81	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and (compar\$4 or match\$4) and feature\$1 and @pd<"20030122" and (382/118).CCLS.
S11	1	S10 not S6
S13	1053	(fac\$2 and (authentic\$5 or recogni\$4)).ti.
S14	352	S13 and @pd<"20030122"
S15	44	S14 and image and (database or memory) and (compar\$4 or match\$3)
S16	19	S15 and (suspect or mug or criminal or police or security)
S17	1	S15 and (suspect)
S19	230	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and compar\$4 and feature\$1 and ((another or second) adj (picture or image or photo\$5))
S18	7	(face near (recogni\$4 or authentic\$5)) and image and (database or memory) and compar\$4 and feature\$1 and ((another or second) adj picture)
S22	50	image and (database or memory) and (((another or second) adj (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation)))
S21	47	S20 and S19
S20	764	(382/118).CCLS.
S30	89	image and (((picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$4 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122".
S31	0	image and (((picture or image or photo\$5)) same (suspect or perpetrator or criminal) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$4 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"
S32	4	image and (((picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$4 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122" and (suspect or perpetrator or criminal)
S33	33	image and (((another or second) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"

S34 35 image and (((another or second) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (ccd or camera or imager) and @pd<"20030122"

S35 786 video and (suspect or criminal or perpetrator or person) and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)

S36 65 video and (suspect or criminal or perpetrator or person) and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (fac\$3 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5))

S37 37 video and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) and (lock\$2 same zoom\$3)

S23 78 image and (((another or second) adj (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (compar\$4 or match\$3 or recogni\$4 or authentic\$5)

S38 19 video and ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)) and @pd<"20030122" and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) and (lock\$2 same zoom\$3) and camera

S39 0 ("another picture" near ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)))

S40 0 ("another picture" same ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)))

S41 5 ("second picture" same ((greater or increase\$1 or enhanc\$4 or heighten\$3) adj2 (resolution or gradation)))

S24 130 image and (((another or second) adj2 (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)

S25 64 S24 and @pd<"20040122"

S26 3 image and (((another or second) adj2 (picture or image or photo\$5)) same ((increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$3 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"

S27 3 image and (((another or second or third or fourth) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and (fac\$3 adj2 (detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"

S28 39 image and (((another or second or third or fourth) adj2 (picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"

S29 2090 image and (((picture or image or photo\$5)) same ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation))) and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5)) and (ccd or camera or imager) and @pd<"20030122"

S42 3 ("2002092495").PN.

S43 2 ("2001326841").PN.

S44 30 video and ((greater or increase\$1 or enhanc\$4 or heighten\$3) near (resolution or gradation)) and @pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) near fac\$4) and zoom\$3 and image

S45 197 video and (resolution or gradation) and @pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and zoom\$3 and image

S50 42 ("3805238" | "3949741" | "4516262" | "4858000" | "4885702" | "4975969" | "5012522" | "5163094" | "5164992" | "5331544" | "5465308").PN. OR ("5781650").URPN.

S51	70	("5067014" "5103305" "5497430" "5625704").PN. OR ("5774591").URPN.
S46	180	S45 not S44
S47	5	S46 and fac\$4.ti.
S48	8	("4055833" "4449189" "4611347" "4754487" "4811408" "4975960" "4975969" "5012522").PN.
S49	35	("5450504").URPN.
S52	42	("3805238" "3949741" "4516262" "4858000" "4885702" "4975969" "5012522" "5163094" "5164992" "5331544" "5465308").PN. OR ("5781650").URPN.
S53	19	(US-20050232459-\$ or US-20010016820-\$ or US-20020113862-\$ or US-20020126880-\$).did. or (US-5991429-\$ or US-5933527-\$ or US-5982373-\$ or US-5802220-\$ or US-5781650-\$ or US-5774591-\$ or US-5450504-\$ or US-5642431-\$ or US-5012522-\$ or US-4975969-\$ or US-4754487-\$ or US-5163094-\$ or US-6108437-\$ or US-6016148-\$ or US-6072894-\$).did.
S54	1	S53 and ((increas\$3 or add\$3) near feature\$1)
S55	1	S53 and (number near features)
S56	1	@pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and ((increas\$3 or add\$3) near feature\$1 near number) and image
S67	10	S63 and video
S70	7066	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution ((retak\$4 or another or again) near (picture or image or photo\$5))
S65	103	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and (passage\$3 or hall\$3 or corridor) and image
S73	30	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and ((retak\$4 or another or again or second) near (picture or image or photo\$5)) not S71
S58	17	S53 and (video or frames)
S57	1	@pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and ((increas\$3 or add\$3 or chang\$3 or remov\$3) near feature\$1 near number) and image
S74	1	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and (log near history)
S75	7	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and ((log or access) same history same records)
S82	21	video and (compar\$4 near frames) and @pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) near fac\$4)
S59	0	S53 and (averag\$4 near frames)
S60	0	S53 and (averag\$4 near images)
S61	2	S53 and (chang\$3 near features)
S62	134	@pd<"20030122" and ((detect\$4 or compar\$4 or match\$3 or recogni\$4 or authentic\$5) adj2 fac\$4) and ((increas\$3 or add\$3 or chang\$3 or remov\$3) near feature\$1) and image
S63	11	S53 and resolution
S64	2	S53 and history
S66	57	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and (passage\$3 or hallway or corridor) and image
S71	6	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and ((retak\$4 or another or again) near (picture or image or photo\$5))
S68	6	S53 and zoom\$3
S69	57	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and zoom\$3
S72	16	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and resolution and ((retak\$4 or another or again) near (picture or image or photo\$5))
S76	492	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$4 or match\$4) adj2 fac\$4) and ((log or access) same (history or record))
S77	187	S76 and features and (camera or video)

S78	6	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$4 or match\$4) adj2 fac\$4) and (averag\$4 near frames) and video and camera
S79	437	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$4 or match\$4) adj2 fac\$4) and infrared and light and video
S80	5	infrared and S53
S81	22	@pd<"20030122" and ((recogni\$4 or authentic\$5) adj2 fac\$4) and features and camera and video and resolution and zoom\$3 and infrared
S88	6	S87 and (fac\$4 and (image or picture) and (person or user)).clm.
S87	480	(ITO adj WATARU) or "fujifilm".asnm.
S86	31.	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$5 or match\$4) adj2 fac\$4) and ((averag\$4 or difference or compar\$4) near video) and camera
S85	16	S84 not S83
S84	29	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$5 or match\$4) adj2 fac\$4) and ((averag\$4 or difference or compar\$4) near frames) and video and camera
S83	13	@pd<"20030122" and ((recogni\$4 or authentic\$5 or detect\$5 or match\$4) adj2 fac\$4) and ((averag\$4 or difference) near frames) and video and camera